

STOP



ISRI

Institute of
Scrap Recycling
Industries, Inc.

Voice of the Recycling Industry™

The Institute of Scrap Recycling Industries, Inc. (ISRI)

www.isri.org

LOOK



THE CHLORINE INSTITUTE

The Chlorine Institute (CI)

www.chlorineinstitute.org

THINK



CALL



U.S Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

www.phmsa.dot.gov

COMPRESSED GAS CONTAINER SAFETY

FOUR SAFETY STEPS FOR SCRAP YARD PERSONNEL

Jointly Published by



Institute of
Scrap Recycling
Industries, Inc.

Voice of the Recycling Industry™



October 2015

STOP!



UNIDENTIFIED GAS CONTAINERS CAN BE HAZARDOUS:

Full gas containers can cause

- Explosions if:

- ◆ Torched
- ◆ Sheared
- ◆ Baled
- ◆ Shredded
- ◆ Handled improperly



- Unknown chemical release

- ◆ Some gas containers could contain chlorine, ammonia, or other chemicals and if released could cause serious injury or death.

Gas containers acceptable ONLY if:

- ◆ A gas container is cut in half.
- ◆ A gas container has a large hole and the inside can be inspected.
- ◆ There is a fist size hole in a LP tank or gas container.
- ◆ The gas container is completely empty.



LOOK!



LEARN TO RECOGNIZE HAZARDS:

Gas Containers come in many shapes, colors, and sizes ranging from small bottles to large ton containers. There is no standard for the color coding of gas containers based on contents.



Gas containers typically have stamped markings. The markings may be helpful in identifying the contents and determining if specially trained professionals are needed to safely dispose of the gas containers.



Note: outside markings may not be correct.

THINK!



HANDLING POTENTIALLY HAZARDOUS GAS CONTAINERS:

When handling potentially hazardous gas containers (those that appear intact, still have valves or show excessive wear), adhere to the following precautions:

- Assume the gas container contains hazardous material.
- Secure gas container in a safe area, isolated from other employees, customers, visitors, and vehicles.
- When feasible, store the gas container outdoors under shelter.
- Contact a reputable waste company or emergency contractor for disposal.



CALL!



EXPERT ASSISTANCE IS JUST A PHONE CALL AWAY.

If leaking contact, the local Fire Department immediately.

If the gas container contains chlorine, shown by the words "CHLORINE" or "UN 1017" marked on the cylinder, the Chlorine Institute can provide assistance up to and including removal and disposal. For assistance in the U.S. contact CHEMTREC® (800-424-9300), or in Canada contact CANUTEC (613-996-6666).

For help identifying a gas container's contents by its markings, contact the Hazardous Materials Information Center at the U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration (PHMSA) 1-800-467-4922 Monday through Friday from 9 am to 5 pm EST.



STOP! LOOK! THINK! CALL!

Safely handling closed and unidentified containers can be confusing and at times dangerous. That's why ISRI and CI want scrap yard employees to call a hazardous material professional prior to handling the containers.